

Daily GLOWBUGS

Digest: V1 #28

via AB4EL Web Digests @ SunSITE

Purpose: building and operating vacuum tube-based QRP rigs

[AB4EL Ham Radio Homepage @ SunSITE](#)

%%%% GlowBugs %%%% GlowBugs %%%% GlowBugs %%%% GlowBugs %%%%

Subject: glowbugs V1 #28

glowbugs

Saturday, May 10 1997

Volume 01 : Number 028

Date: Fri, 9 May 1997 12:03:53 -0500

From: "Claton Cadmus" <aplitech@Spacestar.Net>

Subject: Re: FW: the BA/GB/QRP freq and W1AW

Just a quick look at the other side of the coin.

So, let me see if I understand your position. You want the ARRL to move it's less than 3 hours of daily 80 meter code practice, which is well established, legally scheduled and benefits a large group of Amateurs, to another frequency so a small group of experimenters can save 3 to 4 bucks on the cost of a crystal. Despite the fact that the ARRL doesn't monopolize the frequency and it is available for over 21 hours a day.

Hmmmmmmmm.....

- ----

73 de KA0GKC Claton Cadmus

E-mail cla@spacestar.net

If you live in Minnesota check out this webpage!

<http://www.spacestar.net/users/aplitech/mnqrp/>

Date: Fri, 9 May 1997 12:35:45 -0500 (CDT)

From: Dave <gekko95@ix.netcom.com>

Subject: Re: FW: the BA/GB/QRP freq and W1AW

At 12:03 PM 5/9/97 -0500, you wrote:

>Just a quick look at the other side of the coin.

>

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>so a small group of experimenters can save 3 to 4 bucks on the cost of a
>crystal. Despite the fact that the ARRL doesn't monopolize the frequency and it

>is available for over 21 hours a day.
>
>HMMMMMMMM.....

Clayton,

Gotta say you've really got a very good point. I've been lurking on this debate, but your post clinches it for me. Some one else mentioned the other day (sorry, but I deleted it and don't have the senders name) that ARRL is, after all, promoting a mode of operation that many within that very organization would just as soon see go bye bye in 1999 with the commercial operators.

So... my suggestions:

1. For those who still want the QRG for the cheap rocks, agree on a pad value to bump up or down a couple KC. Even mediocre selectivity should handle that, and all but the most recalcitrant oscillators will allow a little pulling of a rock.
2. West Coasters (like me) rarely get blasted with 80m 1AW sigs. Just not that strong out here, and not much problem.
3. Be glad that SOMEONE other than us (a decided minority) still thinks CW is a GOOD thing! Why stir the hornets?
4. Like Clayton says, wait it out! It's only a few hours each day.

BTW, my homebrew 6V6 glowbugge has but one rock - 3.523 doubled to 7.046, which is just under the 1AW QST QRG of 7.048 (I believe). They boom in here 20 over, even this far out with a spotless sun. I just padded my rock a tad and use a narrow filter on the signal gatherin' box and have at it. Heck - one of these days, I may just get my 25 WPM certificate while waiting for the band to open!

Take care all. Keep em glowin,

Dave WB7AWK
Tacoma, WA

* * * * *
And on the Seventh Day, God rested. Day Eight,
thing One, He made 35EH5's, and He said:
"Gee, these things are worthless. Yuk"
* * * * *

Date: Fri, 9 May 1997 15:00:24 -0400 (EDT)
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Re: FW: the BA/GB/QRP freq and W1AW

> Just a quick look at the other side of the coin.
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> So, let me see if I understand your position. You want the ARRL to move it's
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> crystal. Despite the fact that the ARRL doesn't monopolize the frequency and it
> is available for over 21 hours a day.
>
> HMMMMMMMM.....

I think that is being a little bit hard on it.

IF 1AW has a legit reason such as wanting to be within 2.5khz of the 3579R545 tv rock frequency because of its use as a heterodyne frequency, then that is fine. If it wants to be there because of tradition, that is fine, too. Unfortunately, 3579R545 is a nice cheap rock frequency that lots of folks can use. Since that rock is so ubiquitous, it would not hurt 1AW to up 2-3 khz, if the above first reason was not important. It would not hurt them to down 5 either, except for the traffic nets there.

But, as I said earlier, it doesn't bother my regens..... mebbe folks should run proper regen receivers, where possible. It does bother the usual lesser boatanchor or glowbug receiver that a surprising number of folks still use. It also bothers the usual kenicoyasawhooie without tight filters.

Also, the 3 hours they use are the most popular 3 hours in the evening.

Actually, if I had my druthers, I would like to see 1AW park squarely on 3600.000 khz as a frequency marker station in addition to the bulletins. Now THAT would be a good service, too. Also, I would like to see a 24h bulletin/code run rather than the several hours here and there.

But, it might also mean that folks might want to look into various ways of making the lesser gear run a little more better, too --- (it is amazing what a very simple filter will do on 1AW, even at audio).

Lessee.... taketh a fine one henery choke, and several 0.1 mikeymike condensers, therewith, as a peaked audio filter.... Works better than most folks let out.

73/ZUT DE NA4G/Bob UP

Date: Fri, 09 May 1997 15:03:51 -0400
From: John <johnmb@mindspring.com>
Subject: Re: FW: the BA/GB/QRP freq and W1AW

At 12:03 PM 5/9/97 -0500, you wrote:
>Just a quick look at the other side of the coin.

>

>So, let me see if I understand your position. You want the ARRL to move it's
>less than 3 hours of daily 80 meter code practice, which is well established,
>legally scheduled and benefits a large group of Amateurs, to another frequency

..to another frequency, legally scheduled where it would benefit
a large group of amateurs, while also accomodating a fairly large
number of experimenters. Yup, I'd consider asking.

I'd think that 99.99% of the people listening to the 1AW broadcasts
have VFO receive control, while many hundreds of QRPers and
Glowbugger don't.

The ARRL works for us! Why shouldn't we ask?

Regards,

/John

Date: Mon, 05 May 1997 14:31:25 -0700

From: Steve Ellington <n4lq@iglou.com>

Subject: Re: FW: the BA/GB/QRP freq and W1AW

rdkeys@csemail.cropsci.ncsu.edu wrote:

> 3600.000 khz as a frequency marker station in addition to the bulletins.

> Now THAT would be a good service, too.

Woops. 3600kc has been the KYN freq. for 200 years now.

How about W1AW code practice on say.....3890kc. Now there's a good idea.
Right up there where those no-code types can easily find it. I'm sure
it would be a great encouragment to the sidewinders. Perhaps a bit
of a power increase would be appropriate too.

N4LQ

Date: Fri, 9 May 1997 15:51:09 -0400 (EDT)

From: rdkeys@csemail.cropsci.ncsu.edu

Subject: BA/GB Roundtable Weekend Fonzies.....

OK, bilgewater rats!

Time it be ta lets da lead outta da bilges, and plys them thar Glowwebugge
ethers, it be.....

Batten ye down yer leadin's, hooks ye up yer antennae, fires ye up yer
treasured GlowweBottles, grapples ye up yer tin cans atop yer noggins,
an a'readys ye up yer keys at tha fore! Me 'ear's there be Glowwebugges
about da ethers tonite an' the weekend, an' a fine watch it should be!

See you on the QRG/QTG (with emphasis on 80M here, but both 80 and 40
per the usual run of times.....

QTR Anytime QRG 7050KHZ (meet 0100Z officially)

QTR Anytime after darkpath QRG 3579R545KHZ (meet 0200Z officially)

Call --- CQ BA CQ BA DE <yourcall> <yourcall> K

QRQ BA/GB/CWist QTR 0300/0330/0400Z QRG 7050KHZ (QRQ until it gets scary!)

Dont's be timid wid yer sendin' irons! Wat's ye got ta lose, right!

73/ZUT DE NA4G/Bob UP

Date: Fri, 9 May 1997 13:10:41 -0800

From: "Kenneth G. Gordon" <keng@uidaho.edu>

Subject: Very old receiver...

I have had the following described receiver for a number of years. I rescued it from being thrown out by our Physics Department here at the U. of I. I have NO idea why they would even have such a thing.

It is mounted on what looks like a mahogany board, 17" long by 7.5" wide by 3/4" thick. The far left end of the board has three metal plates screwed to it, black paint on silver, which say, "GROUND", "AERIAL", and "DETECTOR", reading from back to front. Above each plate there are silver colored (probably nickle or german-silver) thumb screws, one each for the aerial and ground and two for the detector. Just to the right of the thumb-screw connectors, there is mounted a mahogany box with a sloping front and an overhanging lid. The box is about 6" high (including lid) 7.5" wide and 7" deep at the bottom sloping to 5.5" deep at the top. The front of the box is made of black bakelite and has 4 rotary tap switches with exposed circular contacts on them. The top two switches have 24 contacts. The bottom left one has 7 contacts and two end stops. The right bottom one has 3 contacts and two end stops. All four knobs are original black round ones.

The right side of the box has a hole centered in it about 4" in diameter, and sticking out of the hole is a large coil, made of what looks like #20 gauge, green-cotton covered wire. The turns of the coil are covered with a layer of cardboard. On the end of the coil is a piece of circular bakelite with another tap switch (with knob) sticking out of it. This switch has 8 contacts and two end stops.

The coil/switch combo slides in and out of the box on two 1/4" diameter rails, 2" apart. The rails are fixed into another piece of mahogany which is mounted near the right end of the mounting board.

On the end of the rail mount, there is a decal which says, "Electro Importing Company, New York"

On the very front of the mounting board, centered between the two bottom tap switches there are two more incomplete thumb-screw connectors. Below them there is another metal plate which reads, "PHONES"

The moveable coil is slightly damaged in that the screws which held the bakelite plate on its end have fallen out and some of the wires which run to the tap switch are disconnected. However, it doesn't

look to me as if it would be hard to fix.

Does anyone know what this thing is, who might want it, and what it would be worth?

Thanks,

Ken W7EKB

Date: Fri, 09 May 1997 15:23:18 -0600
From: Jack Harper <jharper@bs2000.com>
Subject: Re: FW: the BA/GB/QRP freq and W1AW

At 15:03 5/9/97 -0400, you wrote:
>At 12:03 PM 5/9/97 -0500, you wrote:
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>a large group of amateurs, while also accomodating a fairly large
>number of experimenters. Yup, I'd consider asking.
> I'd think that 99.99% of the people listening to the 1AW broadcasts
>have VFO receive control, while many hundreds of QRPers and
>Glowbugger don't.

> The ARRL works for us! Why shouldn't we ask?

Do they? I am beginning to get the feeling with the arrl that saying that they 'work for us' is like saying that the government 'works for us' -- it aint necessarily true.

> Regards,
> /John
>
>

Regards

Jack, KC0LR (Friend to all things Hammarlund)

Jack Harper Bank Systems 2000, Inc.
e-mail: jharper@bs2000.com 350 Indiana Street, Suite 800
voice: 303-277-1892 fax: 303-277-1785 Golden, Colorado 80401 USA

"21st Century Financial Applications"
Optical Cards for Bank, EBT, and Medical Applications
Visit our Web Page: <http://www.bs2000.com/talos> (Last Update: 970312)

1024-bit PGP crypto key with ID: 8FB07075 created 960728
Fingerprint: 75 DA 06 35 F8 3D AC EC 3A F2 7C 59 A1 11 A5 74

Date: Fri, 9 May 1997 15:20:03 -0800
From: "Kenneth G. Gordon" <keng@uidaho.edu>
Subject: Possible interesting project...

I have been in contact with Bob Collings of the Collings Foundation, headquartered in Stow, Massachusetts. Their address is: Box 248, and their telephone number is (508)-568-8924. FAX is (508)-568-8231.

This foundation has restored a B-17 and a B-24 among other warplanes, and annually flies them to many places in the U.S. The organization appears to be a mostly volunteer organization, although there may be others on these lists who can fill in details.

In any case, when I visited the planes about 2 years ago, I was extremely disappointed to see that their radio operators' positions were not only not restored at all, but were almost completely bare. In one, there were a few TU-xx tuning units. No transmitters, no BC-348s, no ARC-5s, no BC-191/375, no dynamotors, no anything.

I am wondering if there are others on these lists who feel as I do, that such pieces of American history as the B-17 and B-24 should be complete in as great a detail as possible. I understand that this B-24 is the only one in the world still flying out of the over 18,000 built.

Bob Collings FAXed me 9 pages out of the B-17 manuals which show the radio equipment which was originally installed. I would be pleased to FAX these pages to anyone interested (after 7:00PM PST please).

He indicated to me that his foundation would be extremely interested in getting both period equipment and the operators to man it. Trips and/or rides in the planes were mentioned.

I mentioned the BoatAnchors to him as a group of highly skilled radio people who might be interested in helping with such a project.

So what do you all think?

Kenneth G. Gordon W7EKB
226 N. Washington St.
Moscow, Idaho 83843
(208)-882-8745 (Voice and FAX)

Date: Fri, 9 May 1997 18:19:00 -0400 (EDT)
From: Carl Ratner <artdeco@bway.net>
Subject: Re: Very old receiver...

At 01:10 PM 5/9/97 -0800 Ken Gordon wrote:

>I have had the following described receiver for a number of years. I
>rescued it from being thrown out by our Physics Department here at
>the U. of I. I have NO idea why they would even have such a thing.

<<< descriptive material snipped >>>

>On the end of the rail mount, there is a decal which says, "Electro
>Importing Company, New York"

That's an interesting clue. I've seen ads from Electro Importing Company in 1920s radio magazines. They sold radio receiver parts to home-brewers. You most likely have a nicely constructed, home-brew receiver from the early-to mid-1920s. You didn't mention any battery terminals, so it would have had a cat's whisker and galena crystal detector. However, it might be possible to upgrade with one of those new-fangled De Forest diode toobs :-)

<<< more snips >>>

>Does anyone know what this thing is, who might want it, and what it
>would be worth?

You could try advertising your receiver in the newsgroup rec.antiques.radio+phono. There are collectors out there who love these sets. It would be helpful if you could offer detailed photos to prospective buyers, either online or by snail mail. Can't really help you with value, but you might get a good sense of value by soliciting offers in the newsgroup. Another possibility is to put the set up for auction on the eBay Auction Web. This is a very popular automated online auction service at www.ebay.com/aw/

Good luck!

- --73
Carl

Date: Fri, 09 May 1997 18:56:19 -0800
From: "catherine a dumar westelcom.com" <cjdumar@westelcom.com>
Subject: Re: I have 1919 Navy Type SE 1420 ascii manual available now

:CC: rdkeys@csemail.cropsci.ncsu.edu ()
:Sender: owner-glowbugs@www.atl.org
:Precedence: bulk
:Content-Length: 1057
:I have just finished the 1919 Navy Type SE 1420 Medium Wave Radio
:Receiver manual, in ascii form, if any one wants it.
:The receiver is the first of the classical single-tube all-in-one
:regenerative radio receivers, where the vacuum tube was
:incorporated into the cabinet. This manual explains in detail the
:whys and wherefores of proper coupling, proper antenna tuning, and
:how to set the detector for damped and undamped waves (hehehe).
:The manual is packed with neat operating information and explains
:in great detail some of those forgotten tricks of making
:regenerative receivers play, that I have been harping on over the
:past few months. It makes great reading. Pardon any typos.....
:(:+)}..... Alas, page 9 is vaporware, so that is blank --- if

:anyone can forward page 9 of the original manual to me that would
:make my day! If you want a copy of this classic regenerative radio
:receiver manual, return email to me and I will forward it along on
:Monday or maybe over the weekend, if I get some time.
:See ya on da bands!
:73/ZUT DE NA4G/Bob UP

I will take a copy of the manual. Here is my email address:

cjdumar@westelcom.com

Love is grand. Divorce is twenty grand.

Net-Tamer V 1.09 Beta - Registered

Date: Fri, 09 May 1997 18:13:35 -0500
From: James Parsons <k5rov1@worldnet.att.net>
Subject: Re: FW: the BA/GB/QRP freq and W1AW

Jack Harper wrote:

>
> At 15:03 5/9/97 -0400, you wrote:
> >At 12:03 PM 5/9/97 -0500, you wrote:
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> Do they? I am beginning to get the feeling with the arrl that saying that
> they 'work for us' is like saying that the government 'works for us' -- it
> aint necessarily true.
>
> > Regards,
> > /John
> >
> >
>
> Regards
>
> Jack, KC0LR (Friend to all things Hammarlund)
> -----
> Jack Harper Bank Systems 2000, Inc.
> e-mail: jharper@bs2000.com 350 Indiana Street, Suite 800
> voice: 303-277-1892 fax: 303-277-1785 Golden, Colorado 80401 USA
>

> "21st Century Financial Applications"
> Optical Cards for Bank, EBT, and Medical Applications
> Visit our Web Page: <http://www.bs2000.com/talos> (Last Update: 970312)
>
> 1024-bit PGP crypto key with ID: 8FB07075 created 960728
> Fingerprint: 75 DA 06 35 F8 3D AC EC 3A F2 7C 59 A1 11 A5 74
> Key available from Public Key Servers and above Web Page
> -----

Well, I think both the ARRL and the Government works for me, although neither are perfect and both have their faults. I can't speak for you, though.

Jim...

- --

James (Jim), Parsons, K5ROV USAF, Ret.
k5rov1@worldnet.att.net
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Fri, 9 May 1997 18:41:52 -0500
From: "John Lockhart" <jlockj@minn.net>
Subject: Elmac AF-68

Hi!

Any suggestions on what to use for the 22 1/2 volt battery the Multi-Elmac AF-68 transmitter uses in the modulator circuit? Would two 9 volt batteries in series be "close enough"? Other ideas?

Thanks,

John W0DC

Date: Sat, 10 May 1997 02:00:16 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: Re: Elmac AF-68

At 11:41 PM 5/9/97 +0000, you wrote:

>Hi!

>

>Any suggestions on what to use for the 22 1/2 volt
>battery the Multi-Elmac AF-68 transmitter uses in
>the modulator circuit? Would two 9 volt batteries in
>series be "close enough"? Other ideas?

>

>Thanks,

>

>John W0DC

>

>

I have an AF-67 that uses the same thing. Someone before me put a solid state DC-to-DC converter that delivers around 24 volts. Current drain is less than a mil. Otherwise you can get three 9 v batteries use 2-1/2 of them in series. You'll have to open up one and tap it. Once done they can be taped up and soldered in and they should last for 'shelf life'.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes

Butternut HF2V antenna, G-R test gear.....*

Date: Sat, 10 May 1997 00:58:07 +0000

From: Steve Rohrer <srohrer@sprynet.com>

Subject: Re: Elmac AF-68

John,

Allied Electronics still offers a 22.5 volt battery in a U15 package for about 6 bux. One day, I'll get one or two of these and put my AF-67's back on the air...

Steve - KA4RSZ

> Any suggestions on what to use for the 22 1/2 volt
> battery the Multi-Elmac AF-68 transmitter uses in
> the modulator circuit?

Date: Sat, 10 May 1997 11:35:47 +0000

From: "Brian Carling (Radio G3XLQ / AF4K)" <bry@mnsinc.com>

Subject: IRC Channel open for LIVE CHAT now!

You can join live GB chat on IRC

Use the EFNET server:

irc.cs.rpi.edu

and join #Boatanchors

or #TUBES

for some LIVE chat! I am on there now at 11:30 a.m. EDST anyway - 73 de AF4K, Bry

*** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *

** E-mail to: bry@mnsinc.com *

*** See the great ham radio resources at: *

** http://www.mnsinc.com/bry/ *

Date: Sat, 10 May 1997 23:03:30 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: FT: Knight T-60

I have a Knight T-60 transmitter, All original, about a 7 or 8 condition wise.
Panel nice, cabinet has the usual scuffs of use, nothing serious, no rust.
Works fine on all bands from 80-10. Very squirrely on 6 meters (I haven't seen one that wasn't!)
Would like to trade it for a Viking "Adventurer", "Challenger" or Hallicrafters
HT-40 in similar condition. Have several spare 6DQ6's that go with it.

73,
E. V. Sandy Blaize, W5TVW
"Boat Anchors collected, restored, repaired, traded and used!"
417 Ridgewood Drive,
Metairie, LA., 70001
ebjr@worldnet.att.net
Looking for: 860 tubes, WL-460 tubes
Butternut HF2V antenna, G-R test gear.....*

End of glowbugs V1 #28

%%%% GlowBugs %%%%% GlowBugs %%%%% GlowBugs %%%%% GlowBugs %%%%%

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Created by **Steve Modena, AB4EL**
Comments and suggestions to **modena@SunSITE.unc.edu**
